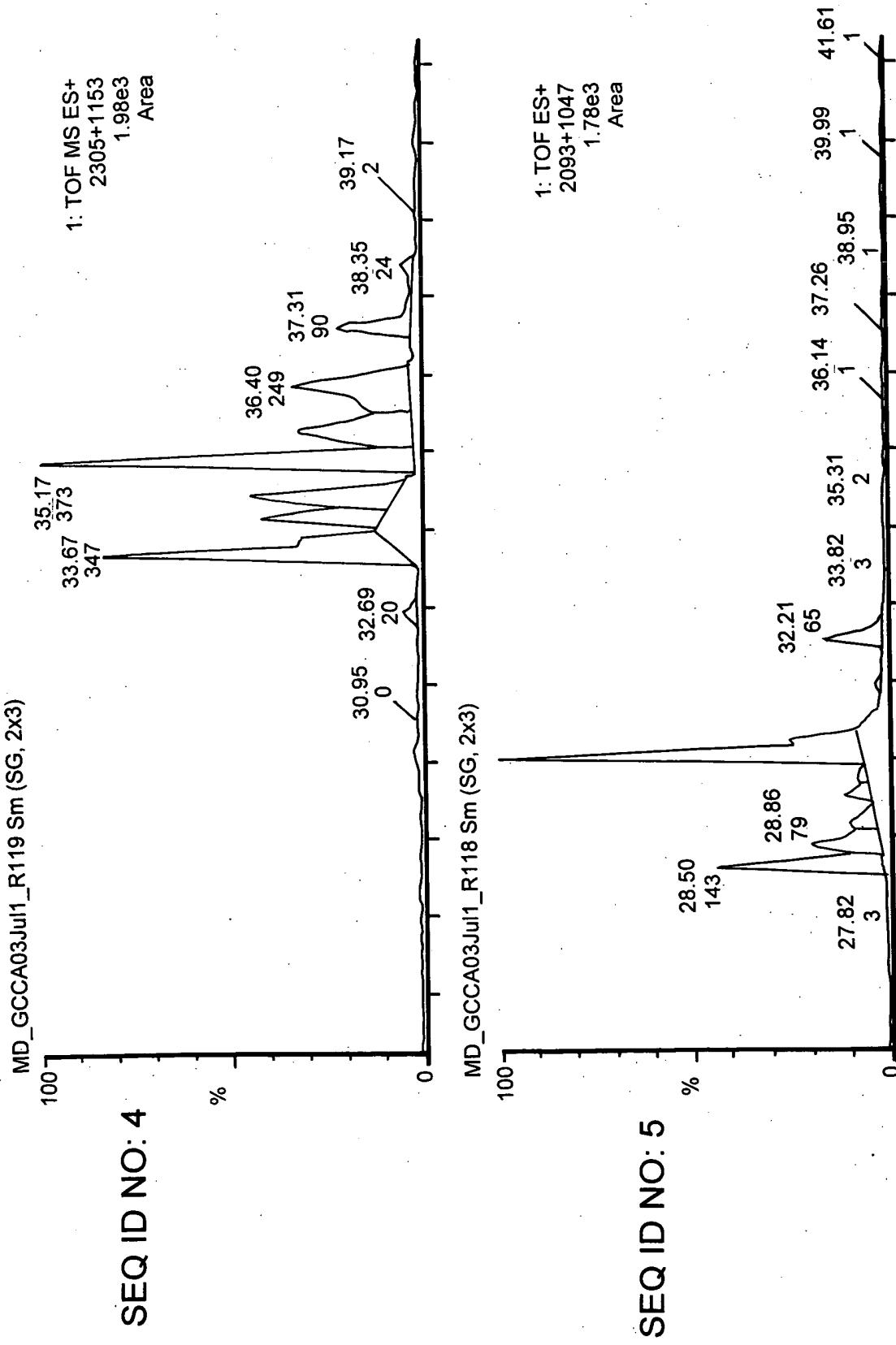




LCMS ANALYSIS OF RECOMBINANT PEPTIDE VARIANTS



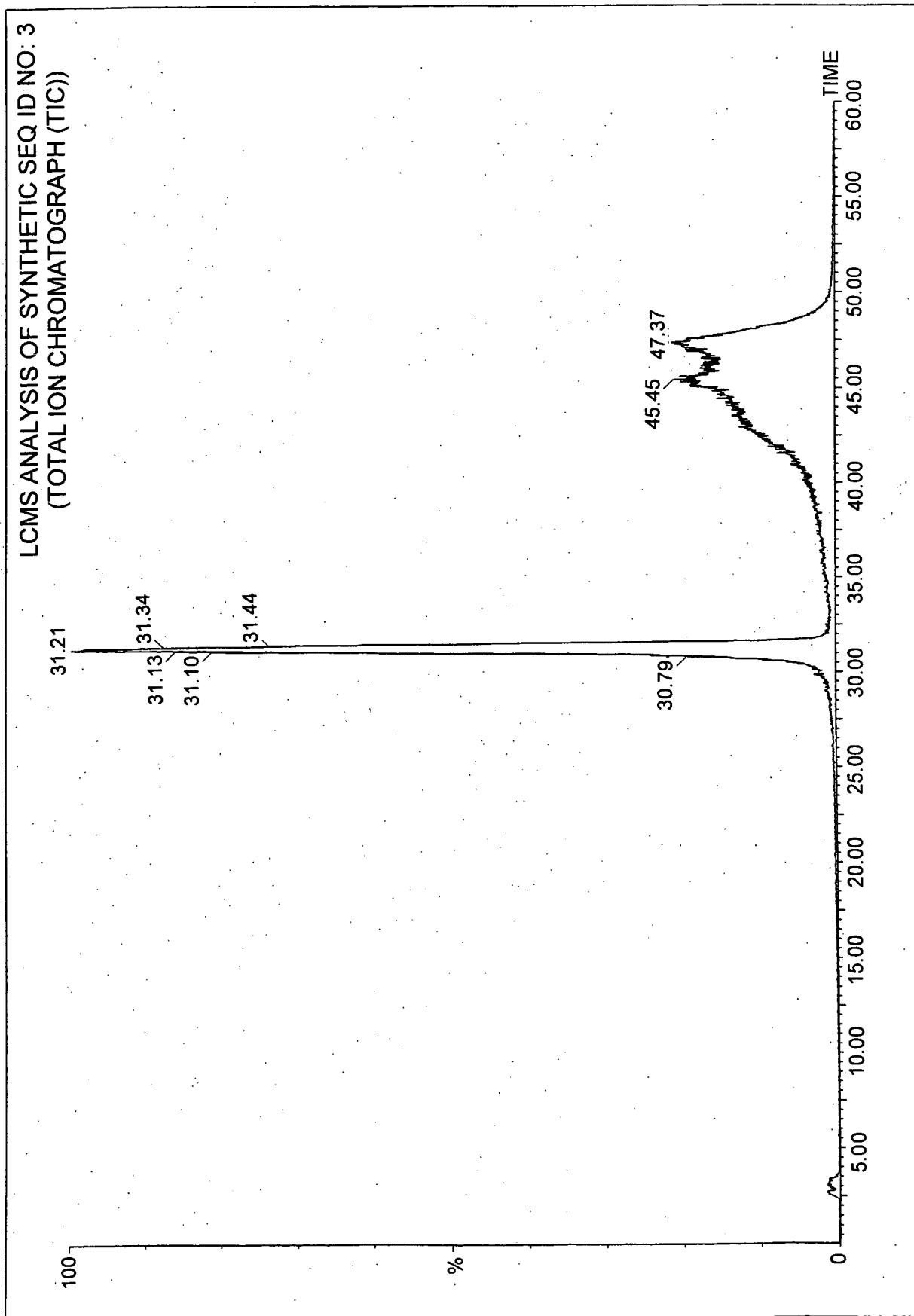


FIG. 1B

LCMS ANALYSIS (TOTAL ION CHROMATOGRAPH OF  
BLANK USED IN SEQ ID NO: 3 ANALYSIS)

100

%

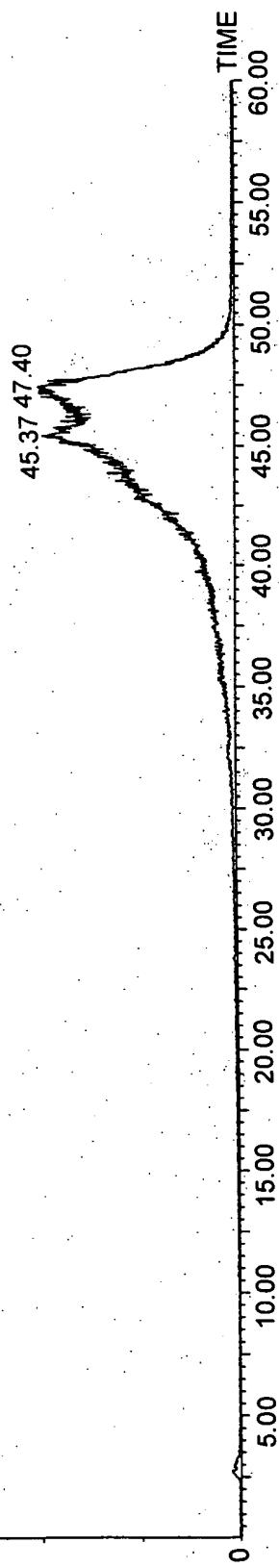


FIG. 1C

CHEMICALLY SYNTHESIZED PEPTIDES IN THE INTESTINAL GC-C  
RECEPTOR ACTIVITY ASSAY

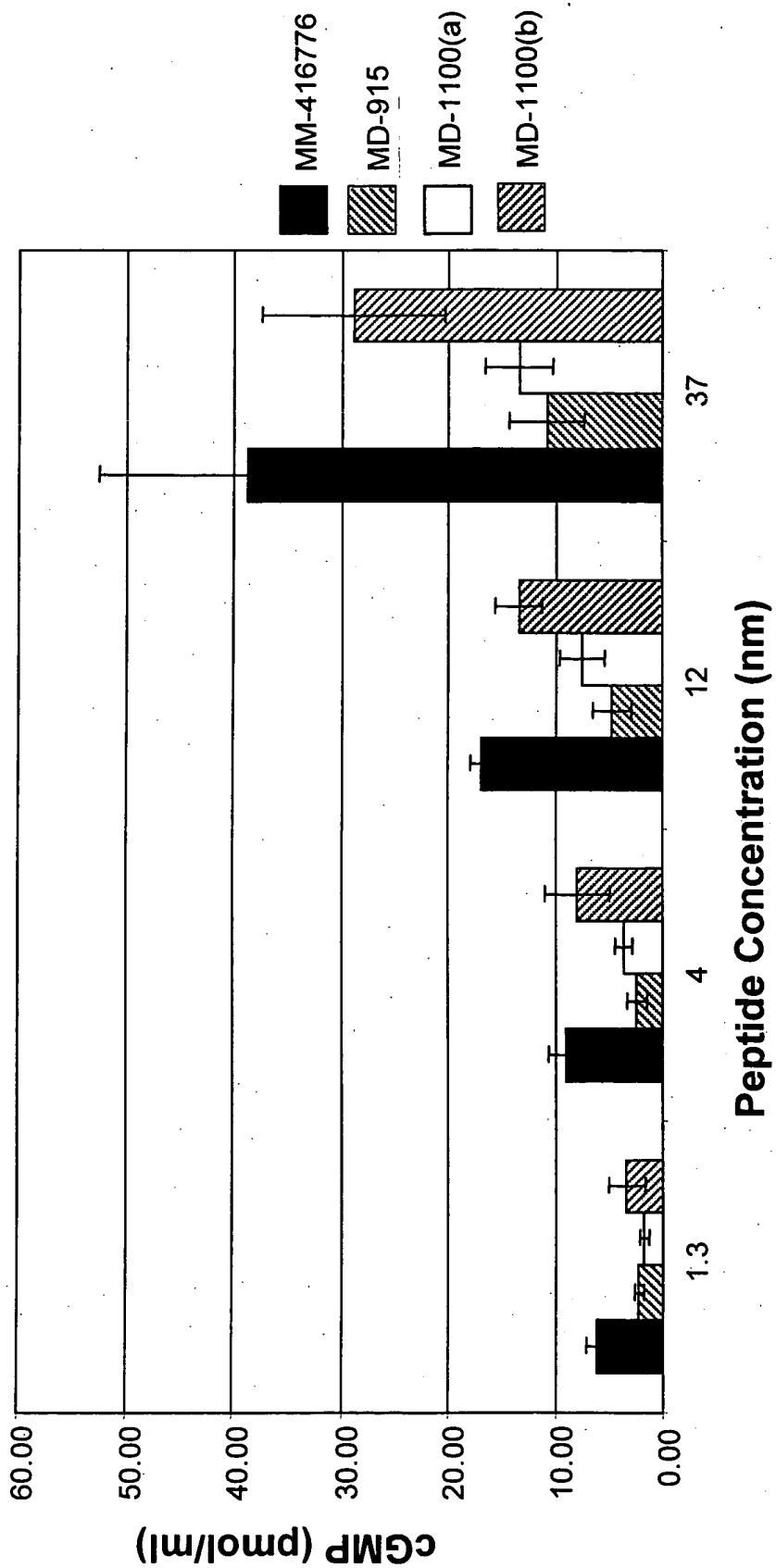


FIG. 2

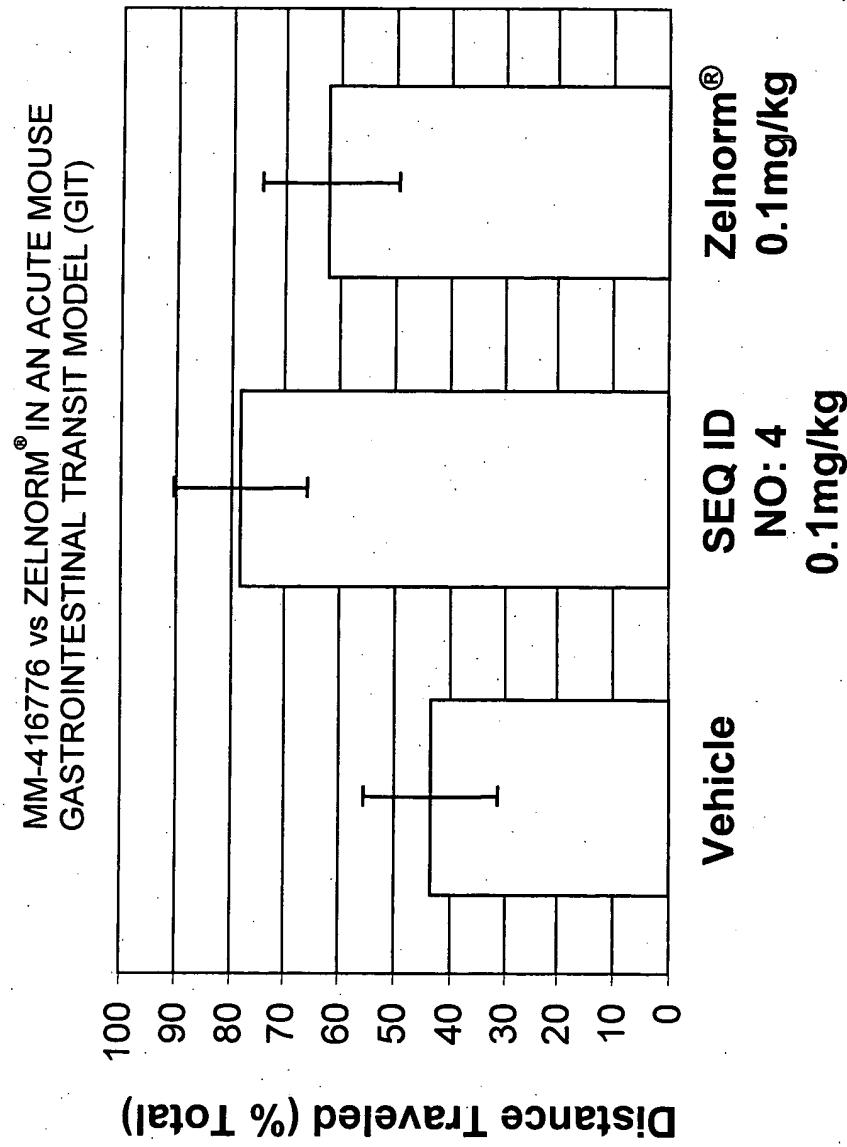
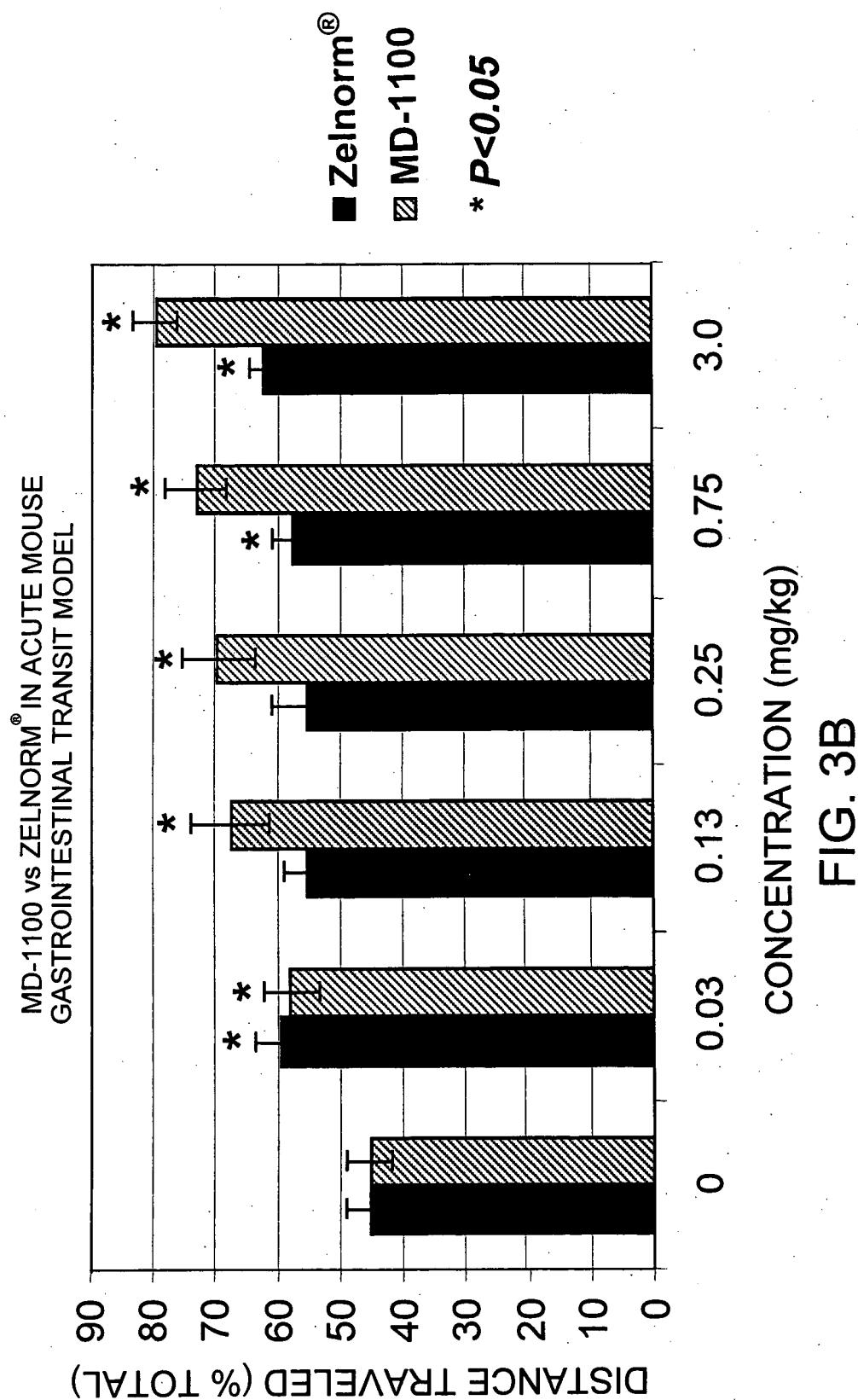
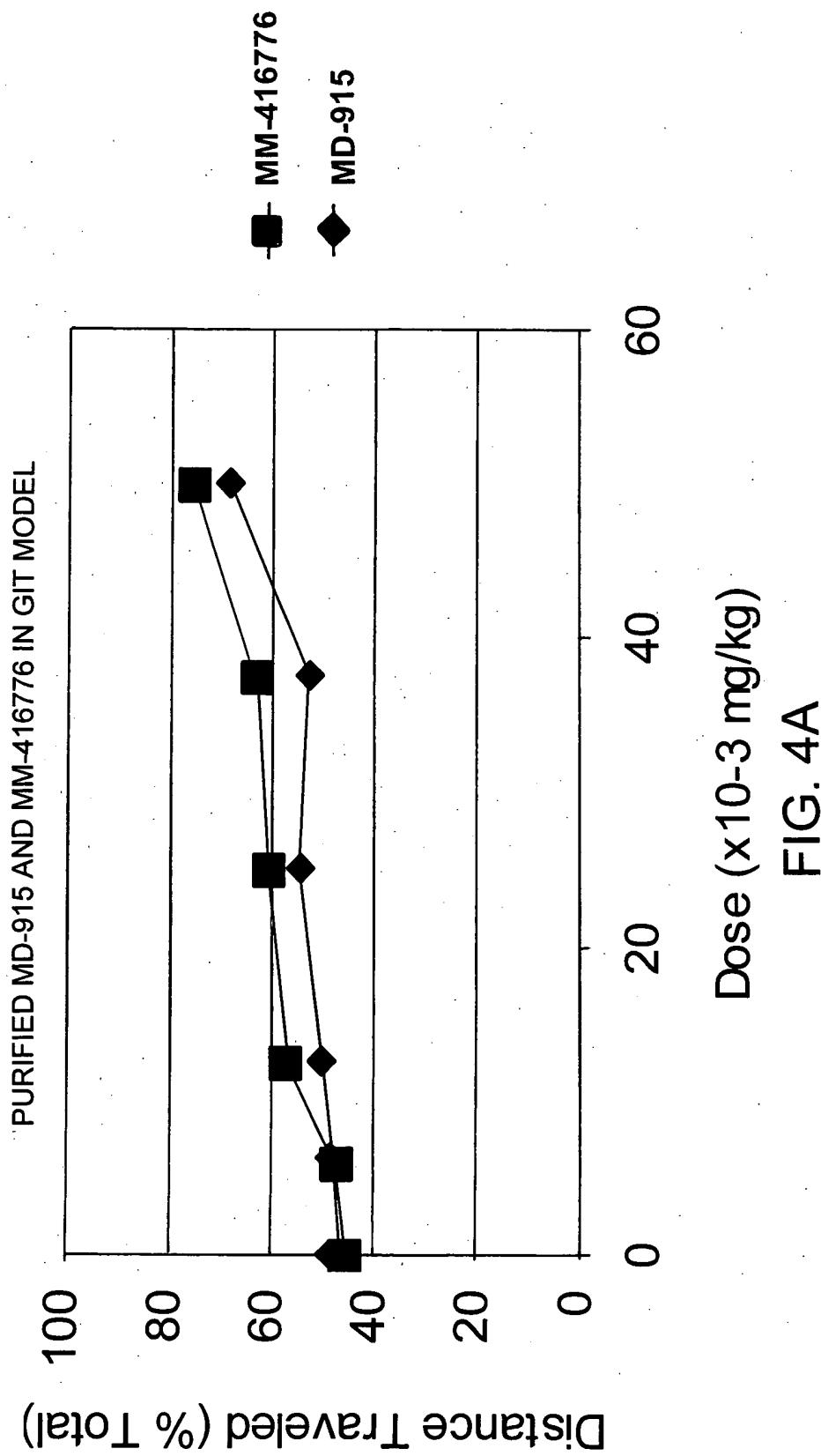


FIG. 3A





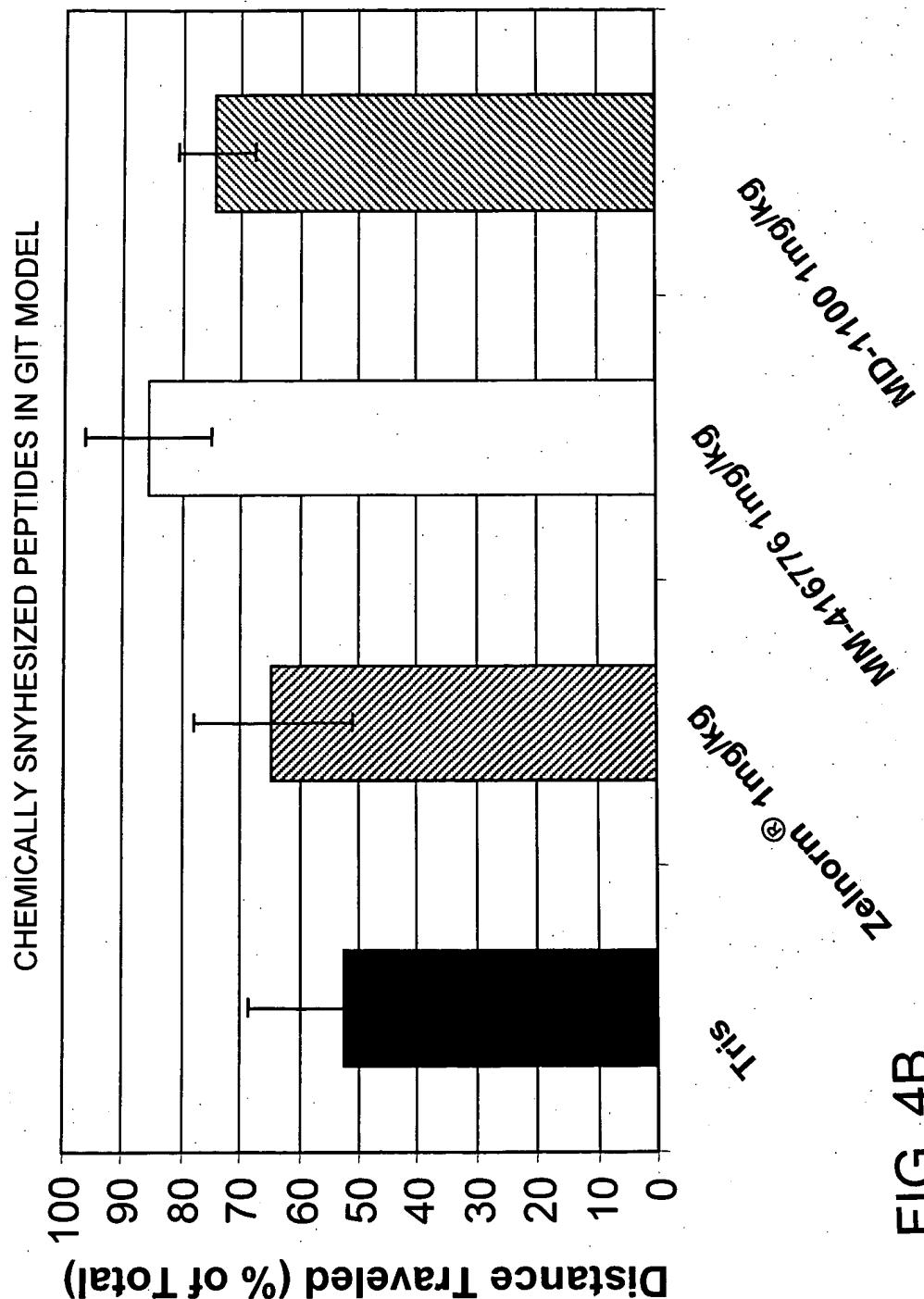
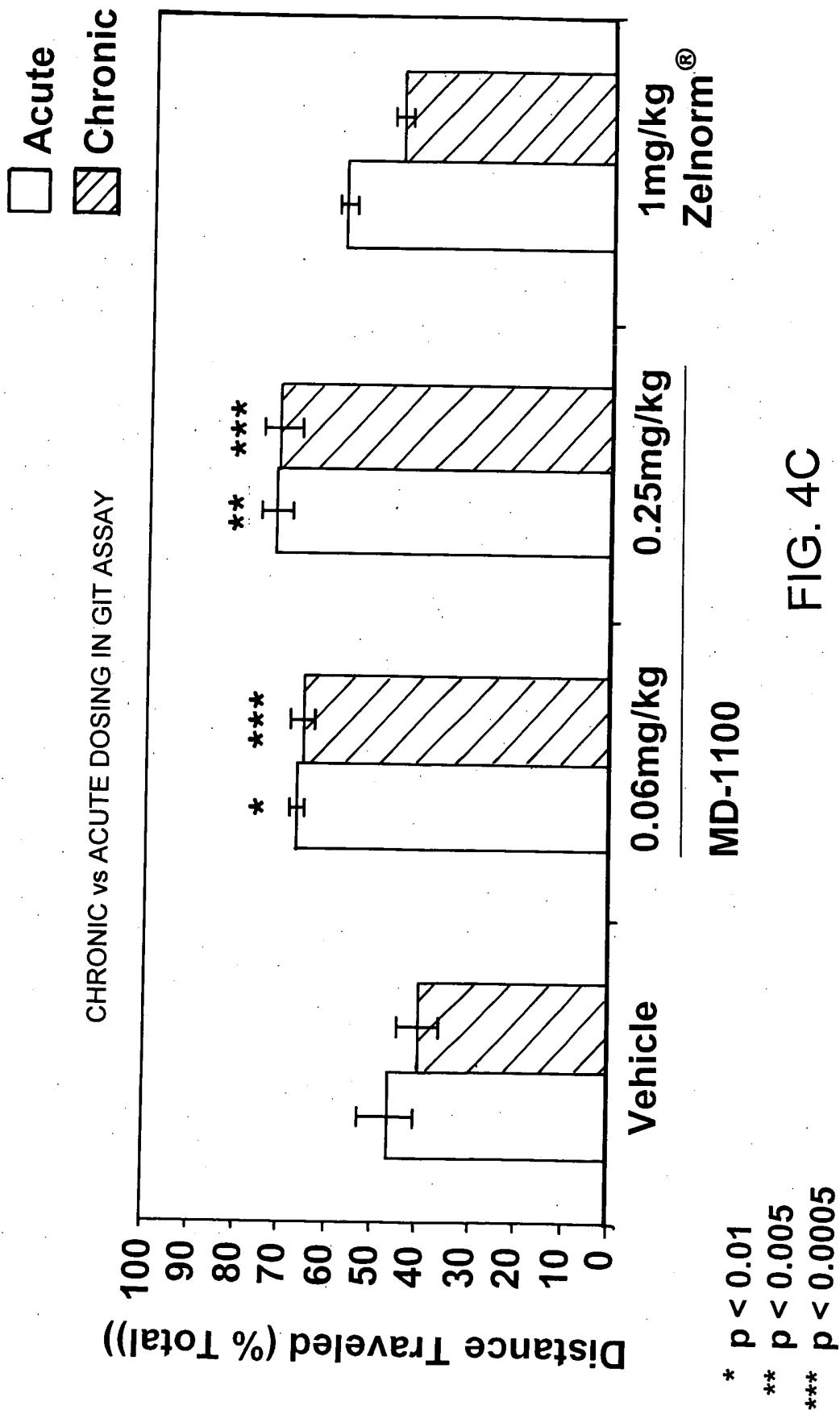


FIG. 4B



MM-416776 vs ZELNORM® IN A MOUSE INTESTINAL SECRETION MODEL

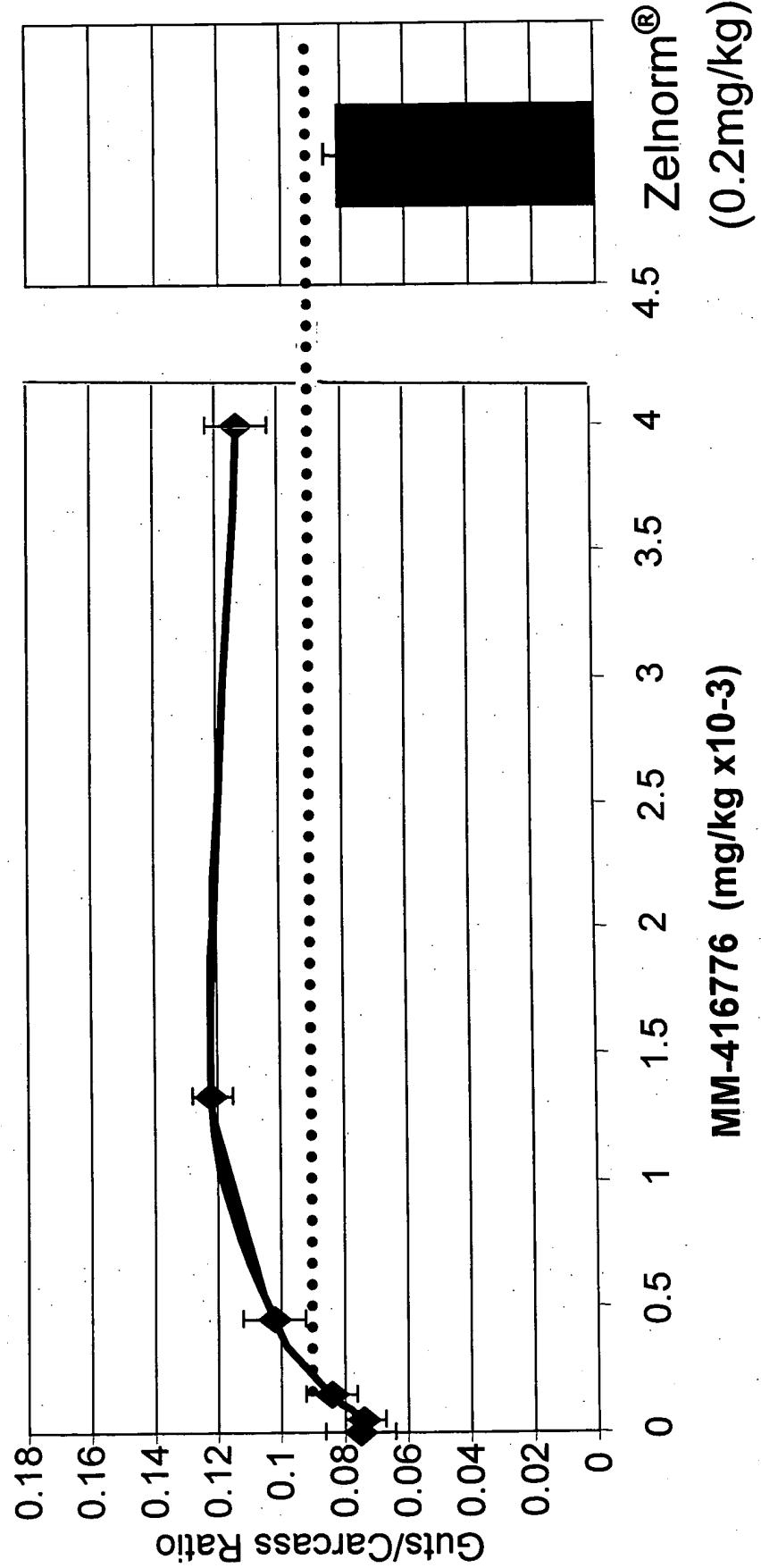
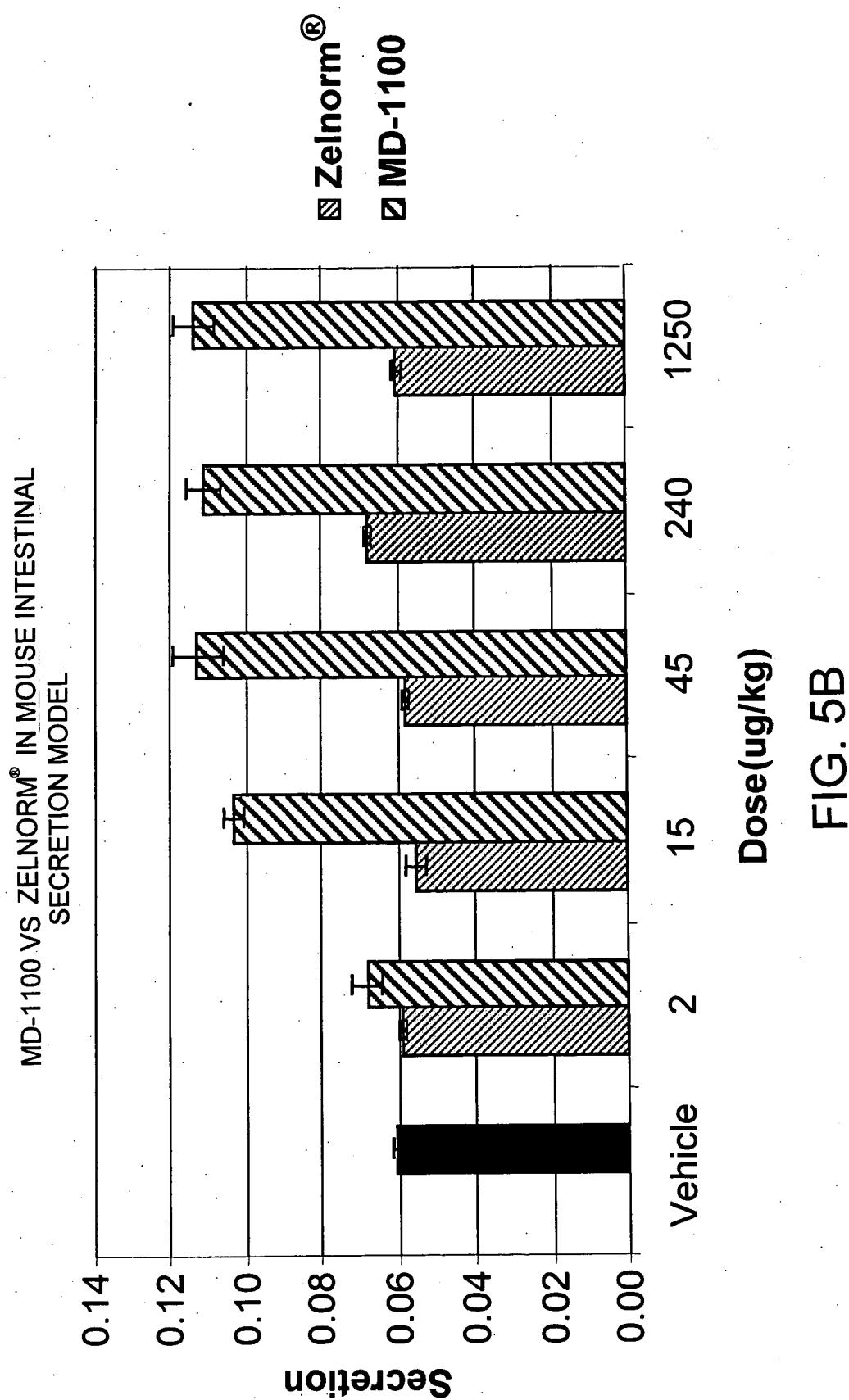


FIG. 5A



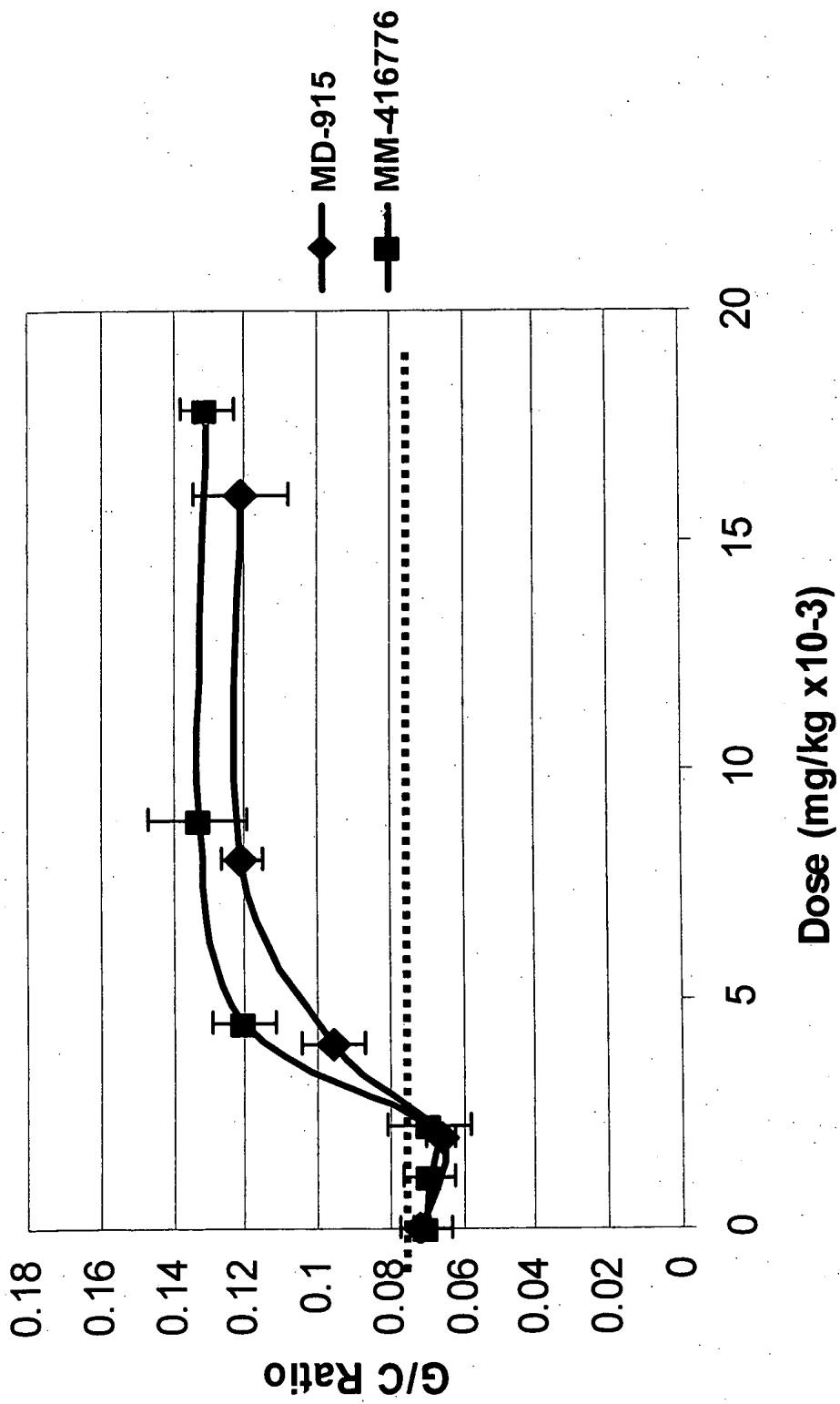
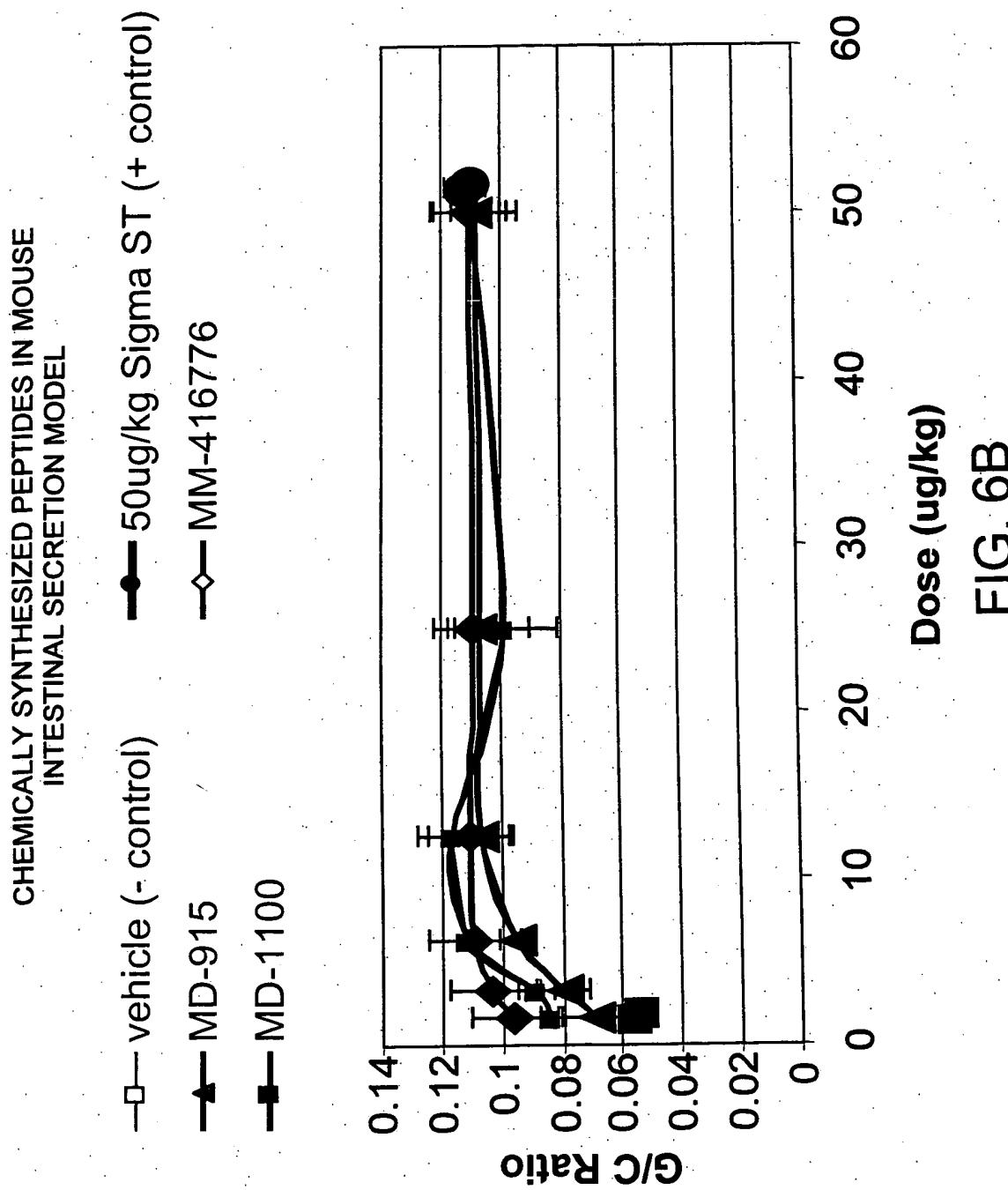
RECOMBINANTLY GENERATED MD-915 AND MM-416776 IN MOUSE  
INTESTINAL SECRETION MODEL

FIG. 6A



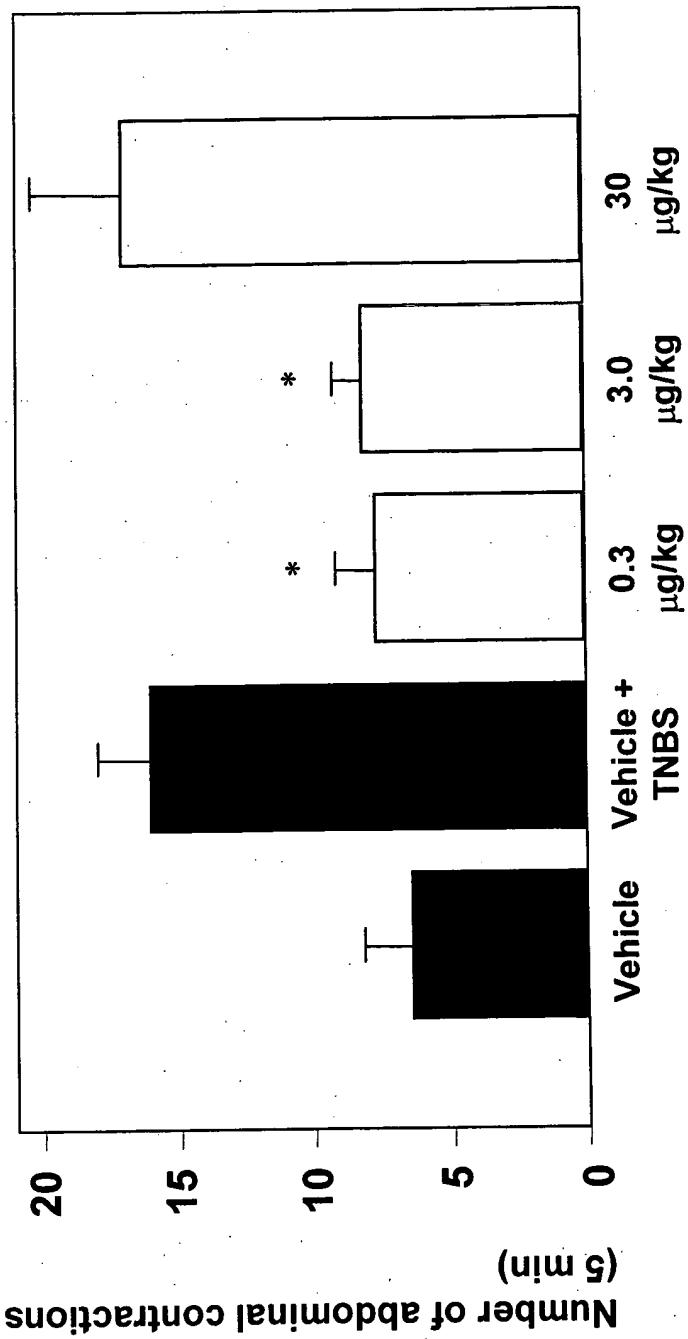
EFFECT OF MD-1100 IN RAT TNBS  
COLORECTAL DISENTATION ASSAY

FIG. 7

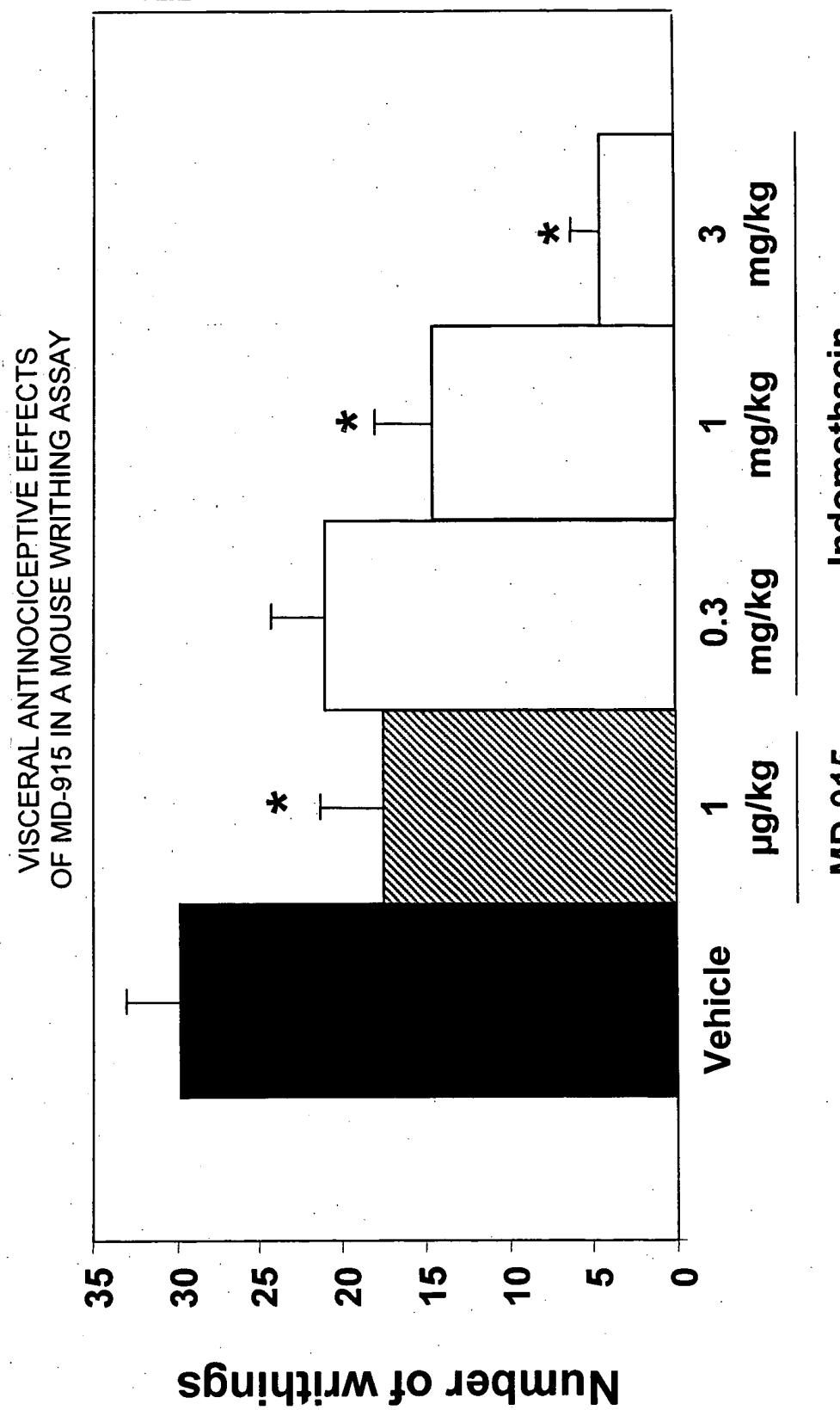


FIG. 8A

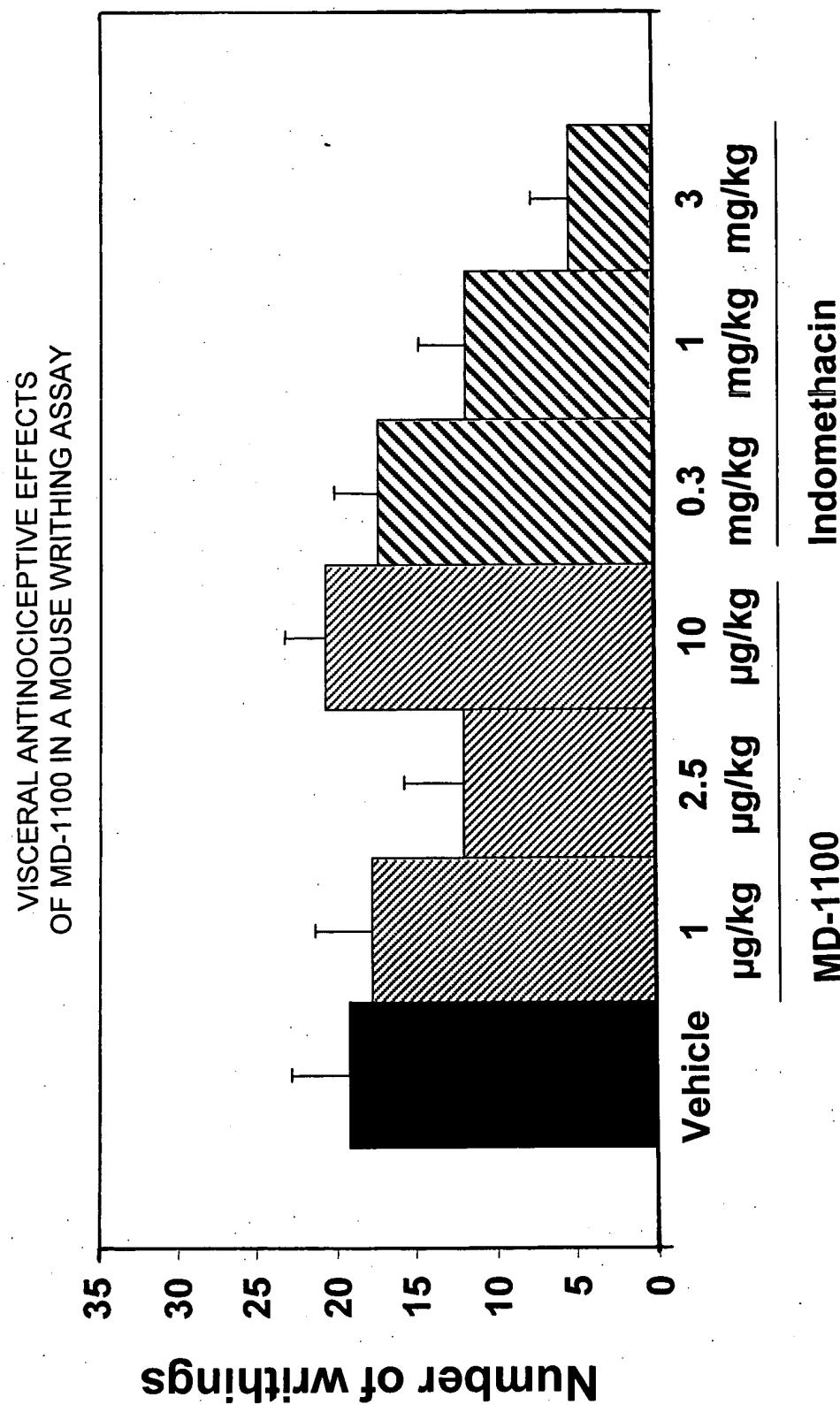
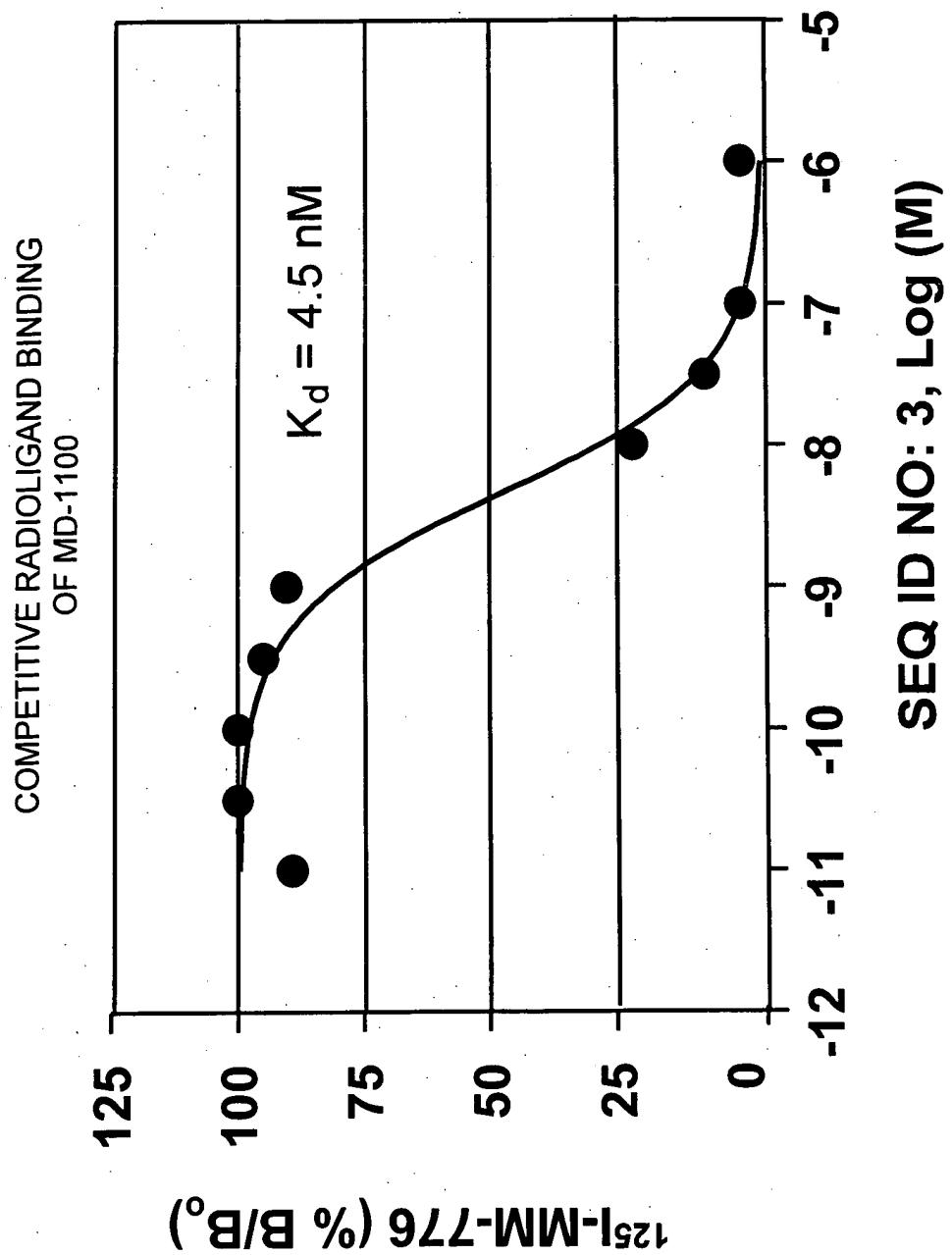


FIG. 8B



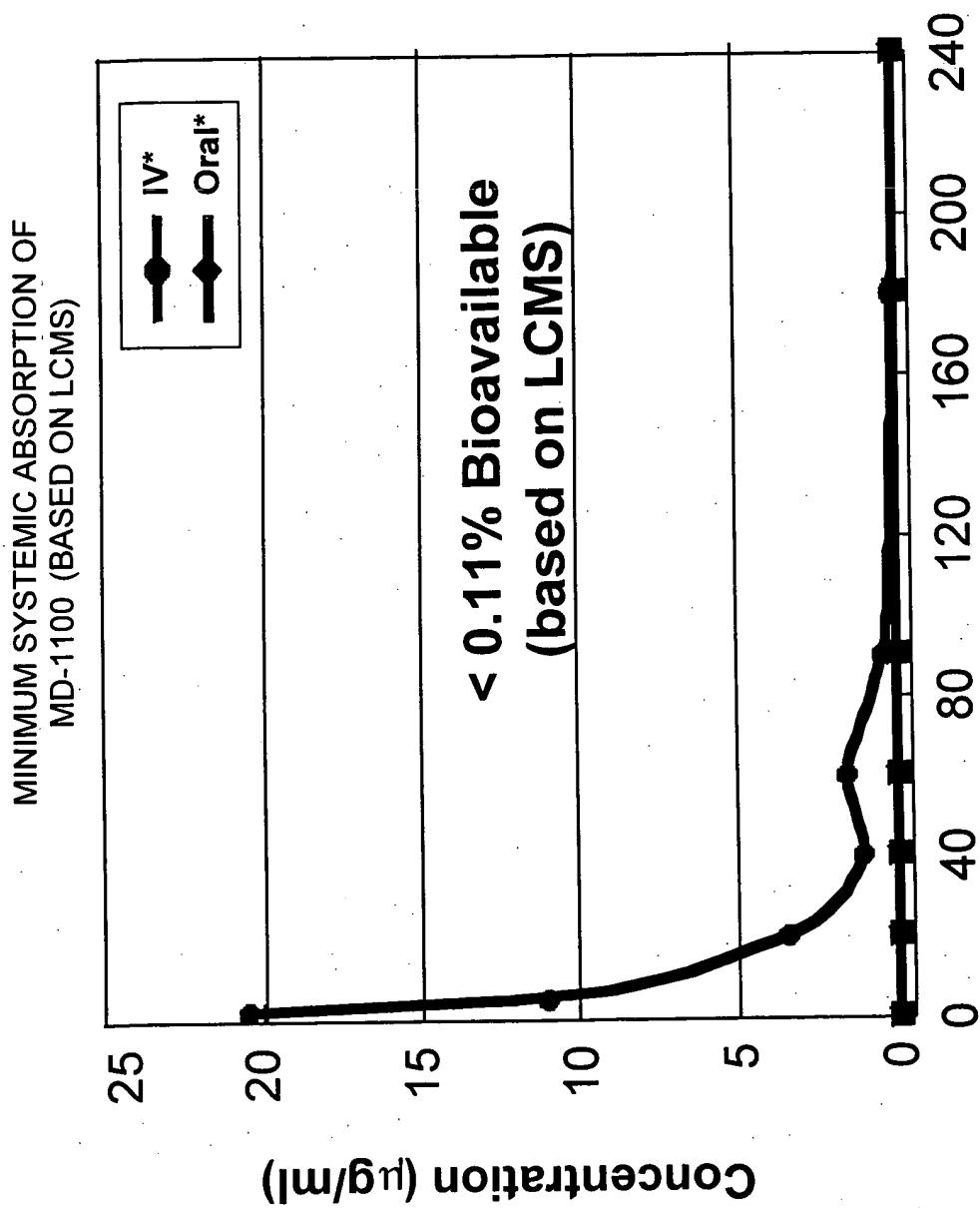
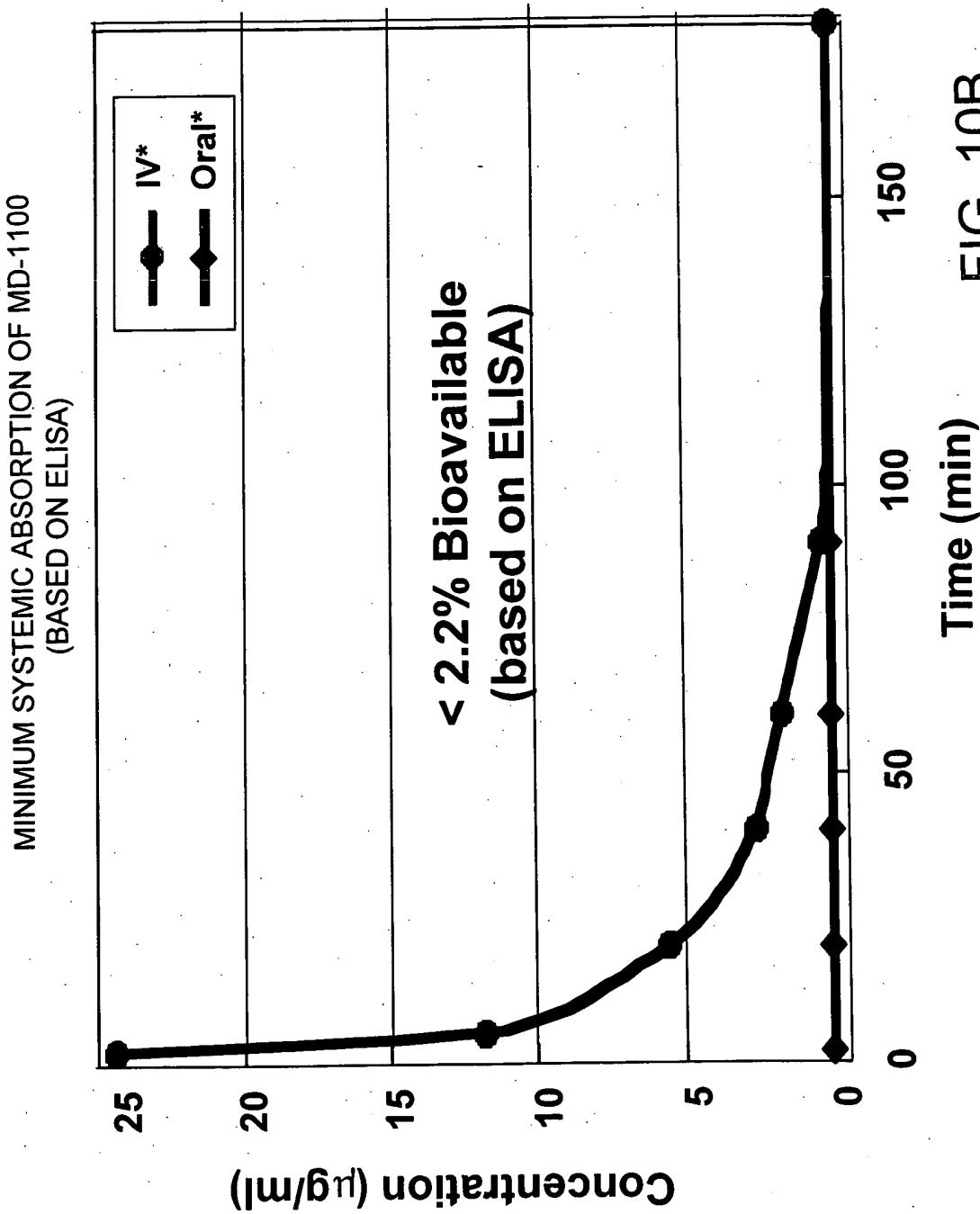


FIG. 10A

• Limit of detection 0.000063  $\mu\text{g}/\text{mL}$  (0.6 nM)

• Dosing at 10 mg/kg



\* Limit of detection 0.061  $\mu\text{g}/\text{ml}$   
Dosing at 10 mg/kg

FIG. 10B

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